

## CLIMATOLOGICAL DATA FOR MARCH, 1913.

## DISTRICT NO. 8, TEXAS AND RIO GRANDE VALLEY.

B. BUNNEMEYER, District Editor.

## GENERAL SUMMARY.

The month was cold and windy, with frequent and severe changes of temperature. The total precipitation, while slightly under the normal, was ample in nearly all sections. Sunshine was abundant, relative humidity low, and precipitation of less than the usual frequency. In the western portion of the district both the mean and minimum temperatures were the lowest of record for March, but in the eastern portion the means were not so low as in March, 1912. Cold waves overspread the district between the 14th to 16th and 25th to 27th. The latter was unusually severe for so late in the season, and gave the latest freeze of record in portions of east Texas and temperatures well below zero at the mountain stations in Colorado and New Mexico. The cold weather caused great damage to the fruit crop in east Texas, and from the best information obtainable it is thought that more than 50 per cent of fruit buds were killed.

The total precipitation averaged nearly normal in Colorado and New Mexico, and somewhat below normal in Texas. Good excesses occurred at the mountain stations of New Mexico and in portions of northeastern and extreme southern Texas, while the deficiency of precipitation was most marked in southern New Mexico and in central and southwestern Texas. The dry, sunny weather, following a wet February, was generally favorable for preparing the soil for planting, but much of the early corn was damaged by frost and will have to be replanted. There were two general precipitation periods, from the 8th to 13th and from the 23d to 26th. The average number of days with 0.01 inch or more of precipitation was 6 in Colorado and 4 in New Mexico and Texas.

The monthly amounts of precipitation ranged in Colorado from a trace at Garnett to 3.59 inches at Cumbres; in New Mexico from a trace at Bluewater, Pastura, and Rincon to 3.90 inches at Anchor Mine; and in Texas from 0.09 inch at Buena Vista to 8.06 inches at Carmona. Amounts of 2.50 inches or more in 24 consecutive hours occurred at 3 stations in Texas, the greatest being 4.76 inches at Carmona on the 12th. The snowfall was heavy at the mountain stations, but light elsewhere, the heaviest fall being 67 inches at Anchor Mine, N. Mex.

A severe local storm at Brookland, Sabine County, Tex., on the 13th killed one person and caused damage to property estimated at \$100,000.

## TEMPERATURE.

The average daily temperature deficiency was  $3.6^{\circ}$  in Colorado,  $4^{\circ}$  in New Mexico, and  $4.1^{\circ}$  in Texas. It was least in the Texas portion of the Rio Grande Valley and greatest over the northwestern portion of the district. Marked cold spells occurred in each decade, and the lowest temperatures were recorded from the 1st to 3d, 14th to 17th, and 25th to 27th. The last four days of the month were warm, and the highest temperatures were generally recorded on the 30th or 31st. The average daily range of temperature varied from  $10^{\circ}$  on the Texas coast to  $36^{\circ}$  in the middle Rio Pecos Valley.

The highest and lowest temperatures reported were, respectively, in Colorado,  $69^{\circ}$  at Garnett and Manassa on the 31st and  $-17^{\circ}$  at Hermit on the 1st; in New Mexico,  $90^{\circ}$  at four stations on the 30th or 31st and  $-15^{\circ}$  at Chama on the 14th; and in Texas,  $100^{\circ}$  at five stations on various dates and  $9^{\circ}$  at Albany on the 1st. The local monthly means ranged from  $17.9^{\circ}$  to  $33.1^{\circ}$  in Colorado; from  $26^{\circ}$  to  $52.2^{\circ}$  in New Mexico; and from  $46^{\circ}$  to  $69.6^{\circ}$  in Texas.

## PRECIPITATION.

The precipitation over the Rio Grande watershed was mostly local in character and averaged 0.71 inch, which is 0.05 inch less than the normal. Slight excesses in the lower portion of the watershed and heavy snows at the mountain stations brought the average for the watershed as a whole nearly up to the normal.

The precipitation over the Rio Pecos watershed was also local in character and poorly distributed, heavy snows at the mountain stations offsetting the deficiencies at the lower levels. The average for the watershed was 0.60 inch, which closely approximates the normal.

Of the Texas watersheds, the San Antonio, Guadalupe, Lavaca, and Neches received more than the normal amounts of moisture, with excesses ranging from 0.18 inch for the San Antonio to 1.74 inches for the Neches. The remaining watersheds showed deficiencies ranging from 0.20 inch for the Colorado and coastal plains to 0.56 inch for the Brazos. The Colorado and Brazos had, however, good rains in their extreme upper portions. The following are the monthly amounts in inches and hundredths for the various watersheds: Nueces, 1.05; San Antonio, 1.77; Guadalupe, 2.01; Lavaca, 2.76; Colorado, 1.15; Brazos, 1.53; Trinity, 2.23; Neches, 5.19; Sabine, 3.45; and coastal plains, 2.05.

## RIVER CONDITIONS.

The Sabine and Neches Rivers were well above low-water mark during the month. The Sabine was above flood stage at Logansport, La., from the 17th to 19th, with a maximum stage of 25.5 feet on the 18th, which is 0.5 foot above the danger line. The lowlands were flooded along the lower portion of the stream during the last decade, but as stock had been transferred to higher ground because of warnings issued from this office on the 13th, practically no damage was sustained. A few pigs were reported drowned. The Neches was within 1 foot of flood stage at Rockland on the 16th and 17th, and moderate rises occurred in the lower portions of the Trinity, Brazos, Colorado, and Guadalupe between the 10th and 16th.

## SNOWFALL IN THE MOUNTAINS.

The snowfall during March was heavy over the headwaters of the Rio Grande and Rio Pecos but light over the valleys of New Mexico. As the weather was unusually cold during the month, there was little melting at the upper levels, and the stored depth increased and greatly improved the outlook for a good supply of water.

TABLE 1.—Climatological data for March, 1913. District No. 8, Texas and Rio Grande Valley.

Stations	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.				Observers.	
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeted.	Number of rainy days 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.		
<b>Colorado.</b>																					
Blanca.....	Costilla.....	7,865	4	30.4	.....	65	31	- 1	27	48	0.04	.....	0.04	1.5	1	10	9	3	w.	Lewis F. Botens.	
Cumbres.....	Conejos.....	10,015	6	30.4	.....	69	31	1	16	47	3.59	- 0.25	T.	51.0	14	18	9	9	sw.	Mrs. Ida M. Lively.	
Garnett.....	Costilla.....	7,576	20	30.2	- 3.0	69	31	- 17	1	56	0.75	.....	0.19	8.6	6	2	12	n.w.	Charles Speiser.		
Hermit.....	Hinsdale.....	9,843	6	17.9	.....	52	31	.....	.....	.....	1.24	.....	0.80	14.2	3	9	13	9	sw.	Marion Mason.	
La Veta Pass.....	Costilla.....	9,000	3	.....	.....	.....	.....	.....	.....	.....	0.20	.....	0.20	4.0	2	14	5	12	sw.	Clara M. Wright.	
Manassa.....	Conejos.....	7,700	7	33.1	.....	69	31	0	1	51	0.25	.....	0.58	36.0	11	18	4	15	w.	J. B. Chapman.	
Platoro.....	do.....	7,675	6	.....	.....	.....	.....	.....	.....	.....	2.74	.....	0.05	0.61	0.58	3.0	3	13	3	n.w.	Walter R. Hook.
Saguache.....	Saguache.....	7,740	21	31.1	- 4.0	65	31	3	24	45	0.85	.....	0.58	9.0	3	13	3	15	sw.	Eugene Williams.	
San Luis.....	Costilla.....	7,794	23	30.9	- 3.8	65	31	0	1	45	0.21	.....	- 0.51	0.05	2.1	6	13	17	1	sw.	P. B. Albright.
Wagon Wheel Gap Experiment Station.....	Mineral.....	9,235	2	23.2	- 3.7	53	31	- 3	25	38	1.03	.....	- 0.30	0.43	13.8	12	14	9	8	n.	U. S. Weather Bureau.
<b>New Mexico.</b>																					
Agricultural College.....	Dona Ana.....	3,863	52	49.0	- 4.5	85	31	18	16	50	0.20	- 0.09	0.10	0	3	14	8	9	n.w.	New Mexico Agri. College.	
Alamogordo (near).....	Otero.....	4,338	16	48.6	- 5.0	85	31	19	27	45	0.05	- 0.41	0.04	0.2	25	3	3	3	sw.	Edward LeBreton.	
Alamogordo.....	do.....	4,320	4	.....	.....	.....	.....	.....	.....	.....	0.28	.....	0.15	0	2	15	13	3	sw.	Agent E. P. & S. W. R. R.	
Alamos Ranch.....	Sandoval.....	7,800	3	.....	.....	.....	.....	.....	.....	.....	0.87	.....	0.26	10.5	2	13	15	3	sw.	H. H. Brook.	
Albuquerque.....	Bernalillo.....	5,000	37	.....	.....	.....	.....	.....	.....	.....	0.15	- 0.08	0.08	T.	2	13	15	3	sw.	Pitt Ross, C. E.	
Ancho.....	Lincoln.....	6,112	4	.....	.....	.....	.....	.....	.....	.....	3.90	.....	0.75	67.0	12	16	5	10	e.	Agent E. P. & S. W. R. R.	
Anchor Mine.....	Taos.....	10,600	2	.....	.....	.....	.....	.....	.....	.....	2.50	.....	0.32	31.1	12	15	13	3	sw.	C. H. Brigham.	
Artesia.....	Eddy.....	3,350	5	49.8	.....	90	30	17	1	55	0.18	.....	0.14	0	2	22	4	5	sw.	Will Benson, C. E.	
Aspen Grove Ranch.....	Rio Arriba.....	9,000	4	.....	.....	.....	.....	.....	.....	.....	2.25	.....	0.32	31.1	12	15	13	3	sw.	Junius D. Maupin.	
Bateman's Ranch.....	do.....	8,900	4	.....	.....	.....	.....	.....	.....	.....	2.50	.....	1.00	23.6	8	18	5	8	w.	John W. Bateman.	
Berino.....	Dona Ana.....	3,788	2	.....	.....	.....	.....	.....	.....	.....	0.13	.....	0.13	0	1	17	12	2	n.w.	J. C. Rishaberg.	
Bluewater.....	Valenciana.....	6,732	11	36.6	- 1.6	74	31	0	1	60	.....	.....	0.62	T.	T.	0	17	12	2	n.w.	Bluewater Development Co.
Boaz.....	Chaves.....	4,154	4	47.4	.....	84	30	16	27	55	0.23	.....	0.22	0	2	25	4	5	sw.	William Horner.	
Capitan.....	Lincoln.....	6,345	4	.....	.....	.....	.....	.....	.....	.....	0.65	.....	0.15	9.0	8	9	13	3	s.	U. S. Reclamation Service.	
Carlsbad.....	Eddy.....	3,120	18	52.2	- 4.6	90	30	23	27	55	0.97	+ 0.52	0.47	0	3	23	2	6	se.	Agent E. P. & S. W. R. R.	
Carrizozo.....	Lincoln.....	5,429	5	.....	.....	.....	.....	.....	.....	.....	0.36	.....	0.14	0	4	16	9	6	w.	Irving C. Sweet.	
Cerrillos (near).....	Santa Fe.....	5,700	1	40.4	.....	77	30†	13	26	50	0.46	.....	0.46	3.0	1	11	9	11	sw.	Frank C. Johnson.	
Chama.....	Rio Arriba.....	7,851	15	26.0	- 7.5	60	31	- 15	14	43	2.33	.....	- 0.31	0.48	35.0	8	19	7	5	sw.	Agent E. P. & S. W. R. R.
Cloudcroft.....	Otero.....	8,650	11	33.4	- 3.6	60	31	8	15†	34	1.15	+ 0.05	0.30	17.0	6	25	1	3	n.w.	Agent E. P. & S. W. R. R.	
Corona.....	Lincoln.....	6,660	4	40.8	.....	76	31	16	26	40	0.61	.....	0.17	8.0	4	17	8	6	sw.	Do.	
Coyote.....	do.....	5,800	4	.....	.....	.....	.....	.....	.....	.....	0.22	.....	0.13	0	2	20	8	3	sw.	Do.	
Cundijo.....	Santa Fe.....	6,880	4	.....	.....	.....	.....	.....	.....	.....	0.36	.....	0.14	0	4	16	9	6	w.	Juan Vilij.	
Demonstration Farm.....	San Miguel.....	6,800	4	.....	.....	.....	.....	.....	.....	.....	0.13	.....	0.05	2.5	3	22	5	4	se.	Erb & Westerman.	
Duran.....	Torrance.....	6,272	4	42.9	.....	74	31	16	15	38	0.13	.....	0.40	0	4	23	3	5	se.	Agent E. P. & S. W. R. R.	
Escondido.....	Otero.....	4,014	4	.....	.....	.....	.....	.....	.....	.....	0.02	- 0.35	0.02	0.2	1	17	8	6	s.	Mrs. E. F. McBride.	
Espanola.....	Rio Arriba.....	5,590	15	38.8	- 4.5	76†	31	10†	1	45	0.02	.....	0.40	0	2	25	2	4	s.	Geo. H. Van Stone.	
Estancia.....	Torrance.....	6,140	8	38.8	.....	78	31	11	27	50	0.45	- 0.09	0.16	T.	4	18	9	4	w.	U. S. Sanitarium.	
Fort Stanton.....	Lincoln.....	6,231	36	41.0	- 3.0	82	31	12	17	54	0.71	.....	0.21	5.5	4	20	6	5	n.w.	Peter Yockey.	
Fort Sumner.....	Guadalupe.....	3,960	5	45.0	.....	85	30	12	16	50	0.09	.....	0.08	0.2	2	18	8	5	sw.	Agent E. P. & S. W. R. R.	
Gallinas.....	Lincoln.....	6,635	4	.....	.....	.....	.....	.....	.....	.....	0.37	.....	0.20	5.5	3	23	3	5	w.	Agent E. P. & S. W. R. R.	
Gallinas Planting Station.....	San Miguel.....	7,500	6	35.4	.....	74	31	3	26	44	0.89	.....	0.38	12.6	10	14	9	8	sw.	U. S. Forest Service.	
Glorietta Ranch.....	Socorro.....	6,300	3	.....	.....	.....	.....	.....	.....	.....	0.34	.....	0.30	0	2	23	3	5	sw.	Chas. M. Crossman.	
Harvey's Upper Ranch.....	San Miguel.....	9,400	4	29.4	.....	61	31	1	14	36	1.31	.....	0.65	17.8	8	16	9	6	w.	R. B. Schoonmaker.	
Hobbs.....	Eddy.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.06	.....	0.57	0	5	20	5	6	sw.	E. H. Byers.	
Hondo Reservoir.....	Chaves.....	3,904	4	47.2	.....	88	30	14	27	54	0.62	.....	0.40	0	2	25	2	4	s.	U. S. Reclamation Service.	
Knowles (near).....	Sandoval.....	6,100	3	37.4	.....	72	31	9	1	41	0.45	.....	0.24	4.0	2	15	5	11	se.	Mrs. L. L. Shields.	
Laguna.....	Valencia.....	4,300	3	47.2	.....	85	30	16	1	50	0.77	.....	0.33	0	4	19	6	6	w.	J. W. Mosley.	
Lagunita.....	Guadalupe.....	5,400	8	40.8	.....	68	16†	13	15	52	0.25	- 0.40	0.25	0	1	.....	.....	.....	w.	Guss Weiss.	
Lake Valley.....	Sierra.....	5,412	8	48.6	.....	89	30	15	1	56	0.92	.....	0.19	0.12	T.	3	20	10	1	sw.	P. A. Turnbull.
Lakewood (near).....	Eddy.....	3,170	1	48.6	.....	89	30	15	1	56	0.92	.....	0.50	0	3	26	3	5	sw.	William P. Keil.	
Lanark.....	Dona Ana.....	4,156	14	.....	.....	.....	.....	.....	.....	.....	0.28	- 0.14	0.28	0	1	26	2	3	se.	Mrs. J. K. Boyd.	
Las Vegas.....	San Miguel.....	6,388	26	38.7	- 2.8	72	31	9	16	49	0.32	- 0.27	0.14	0.3	4	20	8	3	sw.	Agent So. Pac. R. R.	
Liston.....	Chaves.....	5,000	3	.....	.....	.....	.....	.....	.....	.....	0.24	.....	0.24	0	1	14	15	2	sw.	New Mexico Normal Univ.	
Los Lunas (near).....	Valencia.....	4,900	24	41.2	- 5.5	81	30	10	1	51	0.18	- 0.27	0.10	0	2	15	16	0	sw.	H. G. Liston.	
Magdalena.....	Socorro.....	6,557	8	40.9	.....	74	31	9	15†	41	0.31	.....	0.25	1.0	3	18	10	3	w.	Richard Pohl.	
Mescalero.....	Otero.....	6,627	2	38.4	.....	73	31	4	1	40	0.65	.....	0.36	0	4	21	4	6	sw.	William Pender.	
Mineral Hill.....	San Miguel.....	7,050	8	.....	.....	.....	.....	.....	.....	.....	0.85	.....	0.37	8.0	3	21	6	3	sw.	Rev. R. H. Harper.	
Monterey.....	Otero.....	4,436	4	.....	.....	.....	.....	.....	.....	.....	0.33	.....	0.12	0	4	25	4	2	s.	W. M. Nelson.	
Mountainair.....	Torrance.....	6,547	11	39.4	- 4.8	77	31	8	15†	52	0.59	- 0.30	0.24	1.1	5	19	6	6	w.	Agent E. P. & S. W. R. R.	
Mountain Park.....	Otero.....	3,989	4	.....	.....	.....	.....	.....	.....	.....	1.00	.....	0.33	4.0	5	20	6	5	w.	Charles E. Beasley.	
Noria.....	Dona Ana.....	4,114	4	.....	.....	.....	.....	.....	.....	.....	0.20	.....	0.10	0	2	25	2	4	w.	Agent E. P. & S. W. R. R.	
Orogrande.....	Otero.....	4,171	4	.....	.....	.....	.....	.....	.....	.....	0.20	.....	0.06	0	2	17	12	2	w.	Do.	
Oscura.....	Lincoln.....	5,016	4	.....	.....	.....	.....	.....	.....	.....	0.41	.....	0.29	0	4	2					

TABLE 1.—Climatological data for March, 1913. District No. 8—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.				Sky.				Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of entirely cloudy days.		
<b>New Mexico—Contd.</b>																				
Torrance.	Torrance.	6,433	4							0.55		0.40	1.0	3	21	4	6	n.w.	Agent E. P. & S. W. R. R.	
Tres Piedras.	Taos.	8,076	10	29.9		84	31	2	3	40	1.18	0.45	16.2	7	17	10	4	sw.	U. S. Forest Service.	
Truchas.	Rio Arriba.	7,935	4	31.2		63	31	3	14	38	0.47	0.31	8.9	5	9	18	4	w.	Miss Myrtle Rendon.	
Tularosa.	Otero.	4,436	3																Irby L. Fairless.	
Vaughn.	Guadalupe.	5,952	4																Agent E. P. & S. W. R. R.	
Virsylvia.	Taos.	7,500	3	35.4		66	29	-2	1	39	0.87	0.39	10.2	7	18	5	7	w.	Dr. I. N. Woodman.	
Willard.	Torrance.	6,086	1	40.2		83	31	6	27	57	0.31	0.18	T.	2	22	1	8	sw.	Dr. Volney S. Chayney.	
Winsors.	San Miguel.	8,200	17	30.6	-3.0	66	31	4	15†	41	2.95	+ 1.50	0.70	46.0	9	12	14	5	w.	James F. Matty.
<b>Texas.</b>																				
Abilene.	Taylor.	1,738	28	52.0	-2.9	90	30	21	1	43	1.27	-0.11	0.67	T.	6	13	11	7	s.	U. S. Weather Bureau.
Albany.	Shackelford.	1,429	19	49.6	-6.8	91	30	9	1	50	1.45	+ 0.25	0.78	0	4	29*	2*	9.	N. L. Bartholomew.	
Alice.	Jim Wells.	209	2	62.5		93	25†	29	17	41	0.79		0.45	0	5	2	14	n.	R. M. Boerum.	
Alpine.	Brewster.	4,482	3																H. B. Cowles.	
Alvin.	Brazoria.	49	15	55.3		84	31	26	16	32	3.73	+ 0.74	1.58	0	3	11	12	8	Alvin Japanese Nursery.	
Anahuac.	Chambers.	23	4																Lone Star Canal Co.	
Antelope.	Jack.	2																	Paul Rudolph.	
Aspermont.	Stonewall.	593	57	57.6	-3.3	88	31	30	17	36	0.93	-1.48	0.47	0	5	16	6	7	Bryant Link Co.	
Austin.	Travis.	593	57	57.6	-3.3	88	31	30	17	36	0.93	-1.48	0.47	0	5	16	6	7	A. Deussen.	
Ballinger.	Runnels.	1,637	17	53.8	-4.2	95	31	21	1†	51	0.86	-0.11	0.50	0	3	16	8	7	E. M. Eubank.	
Barstow.	Ward.	2,573	6	52.4		92	31	25	2	50	0.75		0.75	0	1	23	6	2	F. P. Ingerson.	
Bay City.	Matagorda.	53	3	61.4		89	5	32	27	42	1.66		1.20	0	7	14	0	17	E. C. Quereau.	
Beaumont.	Jefferson.	29	12	61.6	-1.9	84	13	34	27	31	1.78	-1.07	0.91	0	7	11	0	20	John Bender.	
Beeville.	Bee.	225	17	63.6	-2.6	95	31	30	16†	42	1.08	-0.90	0.85	0	3	11	10	10	L. E. Dickey.	
Big Spring.	Howard.	2,396	15	50.8	-8.8	88	30†	22	1†	50	1.41	+ 0.63	0.57	0	5	21	3	7	B. Reagan.	
Blanco.	Blanco.	1,350	17	53.2	-5.0	85	24	22	17	39	1.27	-0.51	0.54	0	5	16	12	3	R. C. Crist.	
Boerne.	Kendall.	1,412	21	54.4	-5.1	92	30	23	15†	48	0.90	-0.85	0.35	0	7	12	11	8	F. W. Schweppe.	
Booth.	Fort Bend.	81	12																T. R. Booth.	
Bowie.	Montague.	1,113	18	51.4	-7.0	85	30	16	1	44	2.32	+ 0.11	1.55	T.	6	17	3	11	Craig Anderson.	
Brady.	McCulloch.	1,500	12																Prof. J. O. Wallace.	
Brazoria.	Brazoria.	25	24	61.6	-1.7	87	30	32	17	32	2.12	-0.60	0.85	0	7	15	11	5	Mrs. M. A. Stevens.	
Brazos.	Palo Pinto.	801	4																Robt. E. Boyett.	
Brenham.	Washington.	350	28	56.8	-6.2	88	31	31	27	37	5.34	+ 2.62	2.02	0	8	12	3	16	Mrs. B. F. Sloan.	
Bridgeport.	Wise.	754	4																Claud Strange.	
Brighton.	Nueces.	12	20	63.0	-3.1	86	12	37	15†	30	2.31	+ 1.12	1.71	T.	0	5	24	2	5	G. H. Ritter.
Brownsville.	Cameron.	38	49	55.2	-3.3	83	31	33	17	33	1.86	+ 0.59	1.00	0	7	13	6	12	U. S. Weather Bureau.	
Brownwood.	Brown.	1,342	21	52.5	-4.9	85	20	21	27	49	0.45	-0.56	1.50	0	2	13	6	12	Mrs. Pearl Smith.	
Buena Vista.	Pecos.	1																	W. H. Denis.	
Cameron.	Milan.	5																	J. E. Watts.	
Carmona.	Polk.	330	5	56.8		88	31	24	17	39	0.86		4.76	0	7	13	8	10	M. S. Spitzer.	
Carrizo Springs.	Dimmit.	1	61.8			95	31	29	17	48	1.70		1.05	0	4	22	1	8	M. E. Cook.	
Claytonville.	Fisher.	2,100	18	49.5	-5.0	77	18	20	2	45	2.28	+ 1.06	1.50	0	4	19	2	10	Wm. Lanius.	
Clifton.	Bosque.	671	2																R. M. Jones.	
Coleman.	Coleman.	1,710	19	55.0	-3.3	100	31	22	1	48	0.37	-0.95	0.19	0	2	11	13	7	J. E. Stevens.	
Collegeport.	Matagorda.	1	56.8			78	23†	26	16	38	0.50		0.50	0	2	11	16	4	H. A. Clapp.	
College Station.	Brazos.	308	23	58.9	-1.5	88	31	28	27	38	3.23	+ 0.74	1.73	0	9	12	4	15	Prof. G. S. Fraps.	
Colorado.	Mitchell.	2,066	19	50.2	-7.5	80	24†	19	25	5	2.07	+ 1.26	0.77	0	5				R. M. Webb.	
Comanche.	Colorado.	206	9																Mrs. Sophie Bridge.	
Corpus Christi.	Comanche.	1,358	7	56.4		98	31	23	27	50	0.33		0.32	0	2	8	9	3	R. V. Nabers.	
Corsicana.	Nueces.	20	26	60.6	-1.8	82	13	37	16	52	2.01	+ 0.16	1.15	0	9	13	9	3	U. S. Weather Bureau.	
Cotulla.	Navarro.	4-5	24	52.4	-6.3	89	31	24	2	40	1.18	-1.63	0.60	0	5	13	4	14	D. H. Winn.	
Crockett.	La Salle.	225	6															Holland Agricultural Co		
Houston.	Houston.	350	9	57.6		87	31	28	27	35	3.74		0.80	0	2	11	6	11	A. M. Rencher.	
Cuero.	De Witt.	177	23	58.0	-6.5	90	31	28	17	41	3.27	+ 2.25	2.50	0	7	13	3	13	H. R. Frobose.	
Dallas.	Dallas.	466	24	52.3	-4.3	95	31	21	1†	46	1.16	-2.58	0.90	T.	10	14	0	17	G. A. Eisenlohr.	
Danevang.	Wharton.	1-5	17	60.5	-3.4	85	29	30	16	42	2.20	-0.46	1.30	0	5	16	2	13	H. P. Hermansen.	
Del Rio.	Val Verde.	952	7	60.4	-4.3	100	31	28	16	53	0.20	-1.8	0.11	0	5	15	5	8	U. S. Weather Bureau.	
Devine.	Medina.	653	3	61.3		98	31	30	16	42	2.22		1.90	0	3	25	1	5	M. A. Keller.	
Dialville.	Cherokee.	575	10	55.8	-5.5	85	31	27	27	37	4.05	+ 0.46	0.95	0	7	14	6	11	J. M. B. McKnight.	
Dilliey.	Frio.	569	3																John W. Miller.	
Dublin.	Erath.	1,466	17	52.6	-5.5	96	31	19	1	51	0.61	-0.76	0.37	0	3	16	6	9	Jno. O. Shafer.	
Duval.	Travis.	820	24	56.2	-6.4	89	31	29	25	34	0.81	-1.23	0.31	0	4	19	5	7	J. C. Edgar.	
Eagle Pass.	Maverick.	800	36	62.9	-2.5	99	31	26	16	50	0.29	-0.82	0.11	0	3	16	9	6	Charles Tarver.	
Eastland.	Eastland.	1,420	6	49.0		90	30	16	1†	53	0.50		0.50	0	1	15	7	9	James A. Beard.	
Edna.	Jackson.	71	4															E. L. Faires.		
El Paso.	El Paso.	3,762	34	52.0	-3.9	84	31	24	27	40	0.29	-0.09	0.24	0	2	21	8	2	U. S. Weather Bureau.	
Encinal.	La Salle.	558	10	61.1		92	31	31	17	40	1.50	+ 0.44	1.30	0	2	22	3	6	Walter Pettit.	
Falfurrias.	Brooks.	5	64.7			96	20†	29	16†	40	1.54		1.03	0	4	19	9	3	W. A. Gardner.	
Flatonia.	Fayette.	465	5	59.7		91	31	28	27	37	2.62		1.50	0	6	16	6	9	Fred W. Laux.	
Flint.	Smith.	483	3	54.6		88	31	26	27	35	3.36		1.60	0	6	16	4	13	F. C. C. Carter.	
Fort Clark.	Kinney.	1,050	42	58.4	-4.7	92	29	30	15†	40	0.40	-0.72	0.29	0	2	25	0	3	Post Hospital.	
Fort Davis.	Jeff Davis.	5,000	34															C. H. Bird.		
Fort McIntosh.	Webb.	469	55	69.6	+ 1.1	100	26	28	16	56	0.97	+ 0.01	0.45	0	4	21	4	6	Post Hospital.	
Fort Stockton.	Pecos.	3,050	16	57.4	-0.6	93	31	21	16	45	0.20	-0.42	0.15	0	2</					

TABLE 1.—Climatological data for March, 1913. District No. 8—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
<b>Texas—Continued.</b>																				
Henderson.....	Rusk.	500	4								6.81	- 2.09	2.35	0	5	15	10	6		M. Kangerga.
Hewitt.....	McLennan.	664	18								0.34	- 2.09	0.31	0	2	3	15	4	12	s.
Hico.....	Hamilton.	2											0.61	0	2	3	15	4		I. H. Earle.
Hillsboro.....	Hill.	628	10	54.4	- 100	30†	19	15	55		1.21	- 2.64	0.31	0	2	4	19	5	7	se.
Hondo.....	Medina.	901	14	59.0	- 5.8	93	30	30	18†	43	1.14	- 0.47	0.63	0	4	9	8	9	14	se.
Houston.....	Harris.	138	23	59.8	- 3.5	84	31	32	27	35	3.31	- 0.13	1.58	0	9	5	7	22b	ne.	
Huntsville.....	Walker.	400	29	56.2	- 4.4	85	31	29	27†	39	3.37	- 0.18	1.48	0	5	7b	9b	13	n.	
Jayton.....	Kent.	3									1.80		1.20	0	4	25	0	6	6	se.
Jewett.....	Leon.	496	9	54.2	-	90	30†	28	27	43	2.80		1.00	0	5	18	8	5	n.	
Junction.....	Kimble.	1,645	12	54.0	-	84	20†	18	27	46	0.75	- 0.70	0.37	0	4	16	7	8	s.	
Kaufman.....	Kaufman.	448	14	54.0	- 6.4	89	31	21	1	38	0.89	- 2.08	0.79	T.	2	16	3	3		
Kerrville.....	Kerr.	1,650	17	55.2	- 4.9	92	31	20	17	51	0.72	- 0.60	0.39	0	3	15	13	3	s.	
Knickerbocker.....	Tom Green.	2,050	9	54.6	-	96	31	16	16	41	0.55		0.35	0	3	22	3	6	s.	
Kopperl.....	Bosque.	576	16								0.46	- 2.44	0.40	0	2	14	9	8	n.	
Lagrange.....	Fayette.	276	3								3.14		1.42	0	6	16	1	14	se.	
Lamesa.....	Dawson.	2,500	3								1.13		0.91	0	2				S. D. Austin.	
Lampasas.....	Lampasas.	1,026	21	53.0	- 6.3	96	30†	22	27	56	0.59	- 1.17	0.33	0	4	19	0	12	Mrs. K. I. Webber.	
La Parra.....	Willacy.	38	11								2.65	+ 0.77	1.55	0	4				Jno. G. Kennedy.	
Laredo.....	Webb.	421									0.25		0.09	0	5				Mrs. A. H. Jackson.	
Laureles Ranch.....	Nueces.	20	13								2.33	+ 0.48	1.00	0	3				Matt Cody.	
Liberty.....	Liberty.	38	9	59.4	-	83	30	30	17	33	2.28		1.05	0	5	9	7	15	n.	
Llano.....	Llano.	1,040	22	54.4	- 7.0	96	31	24	27	48	0.88	- 0.14	0.39	0	4	22	6	3	se.	
Llano Grande.....	Hidalgo.	86	5	64.2	-	95	24	26	16	46	1.15		1.00	0	6	8	1	22	s.	
Long Lake.....	Anderson.	229	8								3.10		1.00	0	6	21	6	4	sw.	
Longview.....	Gregg.	336	27	53.2	- 5.3	81	24	29	16†	35	4.93	+ 0.58	1.23	0	7	15	0	16	se.	
Lubbock.....	Lubbock.	2									1.18		0.54	0	6	21	6	4	A. L. Paschall.	
Lufkin.....	Angelina.	325	6	55.2†	-	85	31	28	17	40	5.41		2.33	0	6	15†	5†	5†	s.	
Luling.....	Caldwell.	418	24	58.9	- 3.4	90	31	31	17†	34	2.29	+ 0.68	1.10	0	6	11	2	18	n.	
McGregor.....	McLennan.	713	3								0.50		0.50	0	1	28	2	1	s.	
McKinney.....	Collin.	612	11	53.0	-	90	31	19	1	43	1.78	- 2.25	0.86	T.	7	15	7	9	sw.	
Marathon.....	Brewster.	4,043	3	50.4	-	84	31	18	15	46	0.10		0.10	0	1	14	7	10	s.	
Marble Falls.....	Burnet.	771	5								0.85		0.40	0	0	4	16	0	15	n.
Maria.....	Presidio.	5									0.15		0	1					W. L. Jones.	
Marshall.....	Harrison.	375	12	55.2	-	83	31	27	27	38	5.27	+ 1.21	1.75	0	8	8	13	10	s.	
Matagorda.....	Matagorda.	12	3								2.34		1.16	0	4	21	7	3	sw.	
Mexia.....	Limestone.	537	9	53.2	-	89	31	26	1†	45	1.27		0.64	0	4	9	5	17	s.	
Midland.....	Midland.	10	51.3	-	87	30†	22	14†	42	1.00	+ 0.88	0.65	0	2	18	8	5	sw.		
Mission.....	Hidalgo.	140	3	68.7	-	100	13†	31	18	53	0.60		0.84	0	2	11	16	4	se.	
Mont Belvieu.....	Chambers.	65	3								2.77		0.84	0	7	11	7	13	s.	
Montell.....	Uvalde.	1									0.31		0.19	0	3	14	9	8	se.	
Mount Blanco.....	Crosby.	2,750	24	47.8	- 3.8	88	31	15	26	41	1.75	+ 1.17	1.00	0	2	21	6	4	s.	
Nacogdoches.....	Nacogdoches.	271	14	54.4	- 6.3	85	31	27	17	37	4.63	+ 0.81	1.54	0	6	9	7	15	nw.	
New Braunfels.....	Comal.	720	24	57.0	- 1.5	90	31	28	17	40	1.48	- 0.20	0.55	0	4	14	8	9	s.	
Palestine.....	Anderson.	510	31	54.8	- 3.7	85	31	28	16	31	2.69	- 0.78	1.23	0	8	16	10	5	se.	
Panter.....	Hood.	1,000	24								0.65	- 1.41	0.33	0	3				U. S. Weather Bureau.	
Pearson.....	Frio.	629	3								1.21		1.00	0	4				E. H. Snyder.	
Pearl.....	Wharton.	102	7	58.2	-	84	30	30	16†	38	1.89		1.04	0	7	12	0	19	n.	
Plainview.....	Hale.	3,370	17	46.0	- 5.6	88	30	15	20†	53	0.52	+ 0.07	0.20	0.5	4	14†	11*	5*	sw.	
Port Lavaca.....	Calhoun.	20	12	60.6	- 4.8	82	13†	30	16	28	1.73	+ 0.07	1.73	0	1	16	10	5	s.	
Post.....	Garza.	2,700	3								1.11		1.00	T.	3	17	18	6	n.	
Putnam.....	Callahan.	1,591	2								0.40		0.40	0	1	27	0	4	w.	
Raymondville.....	Cameron.	2		65.3	-	92	31	30	17	40	1.24		0.67	0	7	11	3	3	se.	
Ricardo.....	Nueces.	57	4	64.5	-	94	20	31	17	39	2.00		1.50	0	4	18	5	8	s.	
Rio Grande.....	Star.	36									1.10	+ 0.15	1.00	0	2	27	1	3	se.	
Riverside.....	Walker.	169	9								5.45		2.00	0	5	11	2	18	n.	
Rockland.....	Tyler.	136	9								5.54		1.84	0	4	12	9	10	n.	
Rockport **.....	Aransas.	12	12	61.4	- 1.9	76	13†	32	27	28	2.40	- 0.42	1.85	0	4	16	10	5	e.	
Rosselle.....	Atascosa.	558	6	60.1	-	90	31	30	16†	38	1.29		0.98	0	5	23	4	5	se.	
Runge.....	Karnes.	308	18								1.56	+ 0.21	0.12	0	4	12	9	10	se.	
Sabinal.....	Uvalde.	964	9	61.1	-	92	31	27	16	40	0.39		0.84	0	1	22	7	8	s.	
Salado.....	Bell.	3									0.84		0.84	0	1	22	24	4d	s.	
San Angelo.....	Tom Green.	1,847	22	50.6 <sup>a</sup>	- 7.8	80	29	23	16	42	0.30	- 0.67	0.24	0	2	21 <sup>d</sup>	24	4d	s.	
San Antonio.....	Bexar.	701	28	59.4	- 2.7	91	31	31	27	34	1.38	- 0.32	1.13	0	4	18	9	4	n.	
San Augustine.....	San Augustine.	360	4	55.6	-	86	31	26	16†	38	7.05		4.03	0	7	14	7	10	n.	
San Juanito.....	Hidalgo.	4		67.2	-	96	20†	31	17	33	2.17		1.16	0	8	10	1	20	se.	
San Marcos.....	Hays.	558	20	56.2	- 6.2	89	31	26	17	40	1.43	- 0.48	0.85	0	3	17	0	14	n.	
San Saba.....	San Saba.	1,712	12	54.9	- 6.5	97	31	19	27	48	1.20	- 0.54	0.57	0	6	16	9	6	s.	
Santa Anna.....	Coleman.	1,744									0.20		0.20	0	1				L. L. Shield.	
Santa Gertrudes.....	Nueces.	13									3.14		1.63	0	6	13	5	13	J. B. Wright, Jr.	
Sealy.....	Austin.	201	2								1.87		0.60	T.	5	14	8	9	O. H. Albert.	
Seymour.....	Baylor.	1,320	7	51.0	-	89	30	18	1†	53	1.57		0.85	0	5	26	0	5	S. C. Lee.	
Snyder.....	Seurry.	2	47.6	-	88	30	18	1†	53	3.30		1.55	0	3	26	0	5	J. Allen Weaver.		
Somerville.....	Burleson.	251	4	59.2	-	92	31	27	17	38	0.55		0.55	0	4	21	0	10	Ed. Herbst.	
Sonora.....	Sutton.</td																			

TABLE 2.—*Daily precipitation for March, 1913. District No. 8, Texas and Rio Grande Valley.*

Stations.	Watershed.	Day of month.																														Total.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
<i>Colorado.</i>																																		
Blanca	Rio Grande	.08																																0.04
Cumbres	do																																	9.35
Garnett	do																																	T.
Hermit	do																																	0.75
La Veta Pass	do																																	1.24
Manassa	do																																	0.25
Platoro	do																																	2.74
Saguache	do																																	0.85
San Luis	do																																	0.21
Wagon Wheel Gap Experiment Sta.	do																																	1.03
<i>New Mexico.</i>																																		
Agricultural College	Rio Grande																																	0.20
Alamogordo (near)	do																																	0.05
Alamogordo	do																																	0.28
Alamos Ranch	do																																	0.87
Albuquerque	do																																	0.15
Ancho	do																																	3.90
Anchor Mine	do																																	0.18
Artesia	Pecos																																	2.25
Aspen Grove Ranch	Rio Grande																																	2.50
Batemans Ranch	do																																	0.13
Berino	do																																	T.
Bluewater	do																																	0.23
Boaz	Pecos																																	0.65
Capitan	do																																	0.97
Carlsbad	do																																	0.46
Carrizozo	Rio Grande																																	2.33
Cerrillos (near)	do																																	1.15
Chama	do																																	0.61
Cloudcroft	Pecos																																	0.22
Corona	do																																	0.36
Coyote	Rio Grande																																	0.13
Cundiva	do																																	0.13
Demonstration Farm	Pecos																																	1.31
Duran	do																																	0.13
Escondido	Rio Grande																																	0.85
Espanola	do																																	0.02
Estancia	do																																	0.45
Fort Stanton	Pecos																																	0.71
Fort Sumner	do																																	0.09
Gallinas	do																																	0.37
Gallinas Planting Station	do																																	0.89
Glorietta Ranch	Rio Grande																																	0.34
Harvey's Upper Ranch	Pecos																																	1.31
Hobbs	do																																	1.06
Hondo Reservoir	do																																	0.62
Jemez Springs	Rio Grande																																	0.73
Knowles (near)	Pecos																																	0.77
Laguna	Rio Grande																																	0.25
Lagunita	Pecos																																	T.
Lake Valley	Rio Grande																																	0.19
Lakewood (near)	Pecos																																	0.92
Lanark	Rio Grande																																	0.28
Las Vegas	Pecos																																	0.32
Liston	do																																	0.24
Los Lunas (near)	Rio Grande																																	0.18
Magdalena	do																																	0.31
Mescalero	do																																	0.65
Mineral Hill	Pecos																																	0.85
Monterey	Rio Grande																																	0.33
Mountainair	do																																	0.59
Mountain Park	do																																	1.00
Newman	do																																	0.20
Noria	do																																	

TABLE 2.—*Daily precipitation for March, 1913. District No. 8—Continued.*

TABLE 2.—*Daily precipitation for March, 1913. District No. 8—Continued.*

Stations.	Watershed.	Day of month.																														Total.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Texas—Continued.																																		
Huntsville.	Trinity									T.	1.48		68	.94	.12							T.	.15											3.37
Jayton.	Brazos									.30	.10	1.20	.20																				1.80	
Jewett   .	Trinity										.60	1.00	.10																				2.80	
Junction.	Colorado										.37	.19	.15	.04																			0.75	
Kaufman.	Trinity											.12	.39	.21																			0.89	
Kerrville   .	Guadalupe											.35	.05	.15		T.																	0.55	
Knickerbocker.	Colorado												.06	.40																			0.46	
Kopperl   .	Brazos												.02	1.42	.03																		3.14	
Lagrange.	Colorado												.22																					1.13
Lamesa.	do.												.21		.33																		0.59	
Lampasas   .	Brazos													.20	.10																		2.65	
La Parra.	Coast												1.55		.04																		0.25	
Laredo.	Rio Grande												.05	.04	.03	.04	.09															2.33		
Laureles Ranch.	Coast												.35	1.00																			2.28	
Liberty   .	Trinity													T.	.39	T.	1.05															0.88		
Llano.	Colorado												.18	.27	.04	.39																1.15		
Llano Grande.	Rio Grande												1.00																				3.10	
Long Lake   .	Trinity														.30	1.00	.50															0.72		
Longview   .	Sabine															.92	1.20																0.89	
Lubbock.	Brazos												.01	.29	.01	.54	.21	.12	T.											1.13				
Lufkin.	Neches															1.71	.09															0.55		
Luling   .	Guadalupe															.15																	5.41	
McGregor.	Brazos																.50																2.29	
McKinney.	Trinity															T.	T.	.86	.05													0.50		
Marathon.	Rio Grande																	.10	T.													1.78		
Marble Falls   .	Colorado																															0.10		
Marfa.	Rio Grande																															0.85		
Marshall.	Sabine																															0.15		
Matagora.	Coast																															5.27		
Moxia   .	Brazos																															3.34		
Midland.	Colorado																															1.27		
Mission   .	Rio Grande												*	.60																		1.00		
Mont Belvieu.	Coast																															0.60		
Montell.	Nueces																															0.31		
Mount Blanco.	Brazos																															1.75		
Nacongdoches   .	Neches																															4.63		
New Braunfels.	Guadalupe																															1.48		
Palestine.	Trinity																															2.69		
Panter.	Brazos																															0.65		
Pearall.	Nueces																															1.21		
Pierce.	Colorado																															1.89		
Plainview.	Brazos																															0.52		
Port Lavaca.	Coast																															1.73		
Post.	Brazos																															1.11		
Putnam.	do.																															0.40		
Raymondville   .	Coast																															1.24		
Ricardo.	do.																															2.00		
Rio Grande.	Rio Grande																															1.10		
Riverside   .	Trinity																															5.45		
Rockland.	Neches																															5.54		
Rockport.	Coast																															2.40		
Rosselle.	Nueces																															1.29		
Runge.	San Antonio																															1.56		
Sabinal.	Nueces																															0.39		
Salado.	Brazos																															0.84		
San Angelo.	Colorado																															0.30		
San Antonio.	San Antonio																															1.36		
San Augustine.	Neches																															7.05		
San Juanito.	Coast																															2.17		
San Marcos.	Guadalupe																															1.43		
San Saba.	Colorado																															1.20		
Santa Anna.	do.																															0.20		
Santa Gertrudes   .	Coast																															3.14		
Sealy.	Brazos																															1.87		
Seymour.	do.																															1.57		
Snyder   .	Colorado																															3.30		
Somerville.	Brazos																																	

TABLE 3.—Maximum and minimum temperatures for March, 1913. District No. 8, Texas and Rio Grande Valley.

Date.	Colorado.				New Mexico.												Texas.											
	Garnett.		San Luis.		Agricultural College.		Carlsbad.		Fort Stanton.		Mountain-air.		Rosedale.		Roswell.		Santa Fe.		Santa Rosa.		Abilene.		Big Springs.		Brownsville.		Corpus Christi.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1....	41	5	36	0	56	19	66	31	50	21	45	16	50	16	62	20	38	15	54	26	57	21	60	22	72	54	69	44
2....	45	2	42	3	61	24	70	23	57	17	48	24	48	24	65	22	44	18	62	26	60	25	70	40	60	47	68	58
3....	51	12	43	3	70	37	73	30	59	23	58	28	58	32	74	33	49	29	64	42	64	46	66	33	75	49	68	58
4....	50	14	44	16	68	37	67	37	60	24	56	26	58	25	65	28	48	23	62	23	63	38	64	38	81	53	72	60
5....	48	14	43	18	69	30	70	32	55	30	60	28	54	28	65	32	49	28	60	32	68	41	66	34	80	61	70	54
6....	50	15	48	22	66	35	67	36	55	26	60	23	55	30	59	36	52	29	57	32	60	39	58	40	72	58	70	52
7....	48	14	45	26	69	35	60	39	50	25	50	22	52	25	57	35	37	29	48	32	59	44	54	40	76	66	83	52
8....	45	17	47	20	66	46	55	42	49	32	58	38	48	30	50	43	47	27	65	28	52	42	51	38	74	54	63	47
9....	54	15	51	17	62	41	67	45	35	48	30	53	42	52	31	56	38	60	49	60	30	70	54	72	59	74	62	
10....	54	13	53	16	67	35	70	35	60	25	55	25	54	30	66	33	52	30	59	30	63	49	60	28	67	60	64	57
11....	50	14	47	21	66	49	65	38	50	29	45	24	45	28	49	37	43	32	52	34	66	42	73	31	66	59	67	56
12....	47	18	45	24	66	36	70	36	50	26	50	24	42	27	65	33	44	24	59	30	69	53	65	32	77	64	77	61
13....	44	16	35	17	54	32	66	37	47	25	34	17	40	20	60	33	33	12	51	33	68	46	60	30	82	69	82	64
14....	30	10	26	2	51	30	60	33	26	21	34	13	35	15	49	31	10	42	26	58	32	60	32	80	57	69	58	58
15....	32	4	35	6	48	22	66	24	42	16	40	8	38	14	48	24	36	15	47	23	43	25	47	25	64	50	58	45
16....	47	1	41	9	58	18	69	26	52	16	50	12	49	15	63	19	43	17	55	24	59	22	59	36	55	37	55	37
17....	53	11	54	14	65	20	72	23	62	12	60	22	55	24	70	24	52	24	70	14	66	38	77	36	66	33	62	43
18....	50	19	51	25	75	25	78	29	66	15	64	24	58	25	78	29	53	30	71	25	67	42	68	39	70	43	66	52
19....	48	14	47	23	67	41	75	41	62	35	52	27	54	28	70	38	47	26	61	39	78	53	75	46	76	58	74	62
20....	45	14	42	24	60	42	72	41	51	35	50	32	48	30	64	40	42	28	57	29	58	36	73	45	80	64	78	64
21....	48	9	44	21	69	30	66	33	64	24	60	30	60	25	56	24	51	28	58	15	49	25	54	24	78	61	69	57
22....	58	22	53	36	71	36	63	36	60	26	66	32	64	34	61	37	55	38	76	35	61	32	60	32	78	60	69	56
23....	42	16	49	21	69	41	80	43	66	28	56	34	52	38	74	41	46	32	66	35	76	60	73	54	81	69	76	68
24....	41	12	35	21	60	36	77	43	48	32	50	35	45	28	67	33	39	22	55	24	85	51	84	50	82	69	77	69
25....	30	9	31	16	60	32	71	33	45	35	42	20	33	20	59	33	32	19	49	28	66	38	75	37	82	68	79	69
Mns..	47.6	12.7	45.2	16.6	65.4	32.5	70.3	34.0	56.1	25.9	53.8	25.1	51.8	26.1	64.0	31.6	46.5	25.6	60.4*	29.6*	64.4	39.6	66.1	35.4	74.9	55.6	69.4	55.8

Date.	Texas.																											
	Del Rio.		El Paso.		Fort McIntosh.		Fort Stockton.		Forth Worth.		Galveston.		Hallettsville.		Houston.		Lufkin.		Palestine.		Plainview.		San Antonio.		Seymour.		Taylor.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1....	72	41	56	28	76	66	66	31	51	22	60	43	61	36	62	38	65	32	50	30	50	18	67	40	47	55	30	
2....	65	40	63	30	76	41	70	32	60	27	55	44	61	37	61	39	63	31	60	31	62	18	63	36	59	22	59	
3....	66	46	68	40	81	37	74	46	64	42	64	55	71	45	69	46	62	43	72	38	71	43	70	46	65	42	68	
4....	80	50	67	40	75	47	89	38	64	44	67	59	74	66	73	58	70	51	62	30	75	54	63	34	68	51	76	
5....	80	41	70	38	86	49	74	40	71	37	66	56	76	49	76	51	73	44	61	33	78	47	68	39	76	40	76	
6....	70	49	65	42	88	47	83	38	57	40	63	55	75	52	68	52	59	47	55	33	89	50	63	37	63	44	74	
7....	63	47	66	43	75	49	74	45	56	40	55	47	52	43	53	42	54	44	58	35	56	42	61	40	52	42	62	
8....	51	47	52	44	75	46	55	43	61	40	58	46	60	45	59	44	64	42	56	39	57	42	57	38	62	44	64	
9....	74	51	61	43	76	43	74	43	55	50	66	58	62	57	60	54	59	49	54	48	50	44	62	53	54	47	56	
10....	75	52	66	41	76	65	72	40	64	51	67	56	70	56	55	61	52	62	51	61	36	72	50	65	48	65	47	
11....	63	56	65	45	78	54	66	42	66	44	62	58	67	51	72	42	67	46	58	31	66	48	65	41	66	45	74	
12....	77	58	65	34	79	66	78	40	63	52	70	61	75	56	78	59	67	55	61	45	74	54	65	46	68	54	76	
13....	86	48	57	35	86	57	79	41	70	57	79	64	77	67	66	75	60	73	59	60	36	79	60	55	41	76	56	
14....	71	47	48	35	85	63	69	37	62	57	69	60	67	56	68	58	67	55	65	49	55	55	60	56	42	64	49	
15....	56	39	47	26	85	50	60	24	43	28	60	42	56	39	62	38	62	33	49	31	40	19	51	38	48	23	49	32
16....	60	28	57	26	79	28	64	21	57	30	52</td																	